

What is claimed is:

1. A fuse cell comprising:

an input terminal for receiving an input signal;

5 an output terminal;

a control circuit coupled to the input terminal;

an initialization circuit coupled to the control circuit;

10 a fuse circuit coupled to the control circuit, the fuse circuit comprises a fuse having an uncut or a cut fuse state;

a latch coupled to the output terminal and the control circuit, the latch stores information indicative of the fuse state; and

15 in response to an input signal at the input terminal, the control circuit causes the fuse cell to operate in the initialization mode by coupling the initialization circuit to the latch or to operate in normal mode by coupling the fuse circuit to the latch, 20 wherein the latch, depending on the state of the fuse, remains in the first state or switches to the second state.